

Table 12.3 Carbon Dioxide Emissions From Energy Consumption: Commercial Sector
(Million Metric Tons of Carbon Dioxide^a)

	Coal	Natural Gas ^b	Petroleum							Retail Elec- tricity ^f	Total ^g
			Distillate Fuel Oil ^c	Kerosene	LPG ^d	Motor Gasoline ^e	Petroleum Coke	Residual Fuel Oil	Total		
1973 Total	15	141	47	5	9	6	NA	52	120	334	609
1975 Total	14	136	43	4	8	6	NA	39	100	333	583
1980 Total	11	141	38	3	6	8	NA	44	98	412	662
1985 Total	13	132	46	2	6	7	NA	18	79	480	704
1990 Total	12	142	39	1	6	8	0	18	73	566	793
1995 Total	11	164	35	2	7	1	(s)	11	56	620	851
1996 Total	12	171	35	2	8	2	(s)	11	57	643	883
1997 Total	12	174	32	2	8	3	(s)	9	54	686	926
1998 Total	9	164	31	2	7	3	(s)	7	51	724	947
1999 Total	10	165	32	2	9	2	(s)	6	51	735	960
2000 Total	9	173	36	2	9	3	(s)	7	58	783	1,022
2001 Total	9	164	37	2	9	3	(s)	6	57	797	1,027
2002 Total	9	171	32	1	9	3	(s)	6	52	795	1,027
2003 Total	8	173	35	1	10	4	(s)	9	59	796	1,036
2004 Total	10	170	34	1	10	3	(s)	10	58	816	1,054
2005 Total	9	163	33	2	8	3	(s)	9	55	842	1,069
2006 Total	6	154	29	1	8	3	(s)	6	48	836	1,043
2007 Total	7	164	28	1	8	4	(s)	6	47	861	1,079
2008 January	1	26	4	(s)	1	(s)	(s)	1	6	71	103
February	1	25	4	(s)	1	(s)	(s)	1	6	65	97
March	1	21	3	(s)	1	(s)	(s)	1	5	65	91
April	(s)	14	2	(s)	1	(s)	(s)	(s)	4	63	81
May	(s)	10	2	(s)	1	(s)	0	(s)	3	68	81
June	1	7	2	(s)	1	(s)	0	(s)	3	76	87
July	(s)	7	2	(s)	1	(s)	0	(s)	3	82	93
August	(s)	7	1	(s)	1	(s)	0	(s)	3	80	90
September	(s)	7	1	(s)	1	(s)	(s)	(s)	3	73	83
October	1	10	2	(s)	1	(s)	(s)	(s)	3	70	84
November	1	15	2	(s)	1	(s)	(s)	(s)	4	67	86
December	1	23	3	(s)	1	(s)	(s)	1	5	69	98
Total	7	171	27	(s)	10	3	(s)	6	46	850	R 1,074
2009 January	1	28	R 4	(s)	1	(s)	(s)	1	R 6	R 69	R 103
February	1	23	3	(s)	1	(s)	(s)	1	R 5	R 58	R 87
March	1	19	3	(s)	1	(s)	(s)	1	R 5	R 60	85
April	(s)	14	2	(s)	1	(s)	0	(s)	4	R 58	76
May	(s)	9	R 2	(s)	1	(s)	0	(s)	3	R 62	R 75
June	(s)	7	R 2	(s)	1	(s)	0	(s)	3	R 70	R 80
July	(s)	7	2	(s)	1	(s)	0	(s)	3	R 73	R 84
August	(s)	7	2	(s)	1	(s)	(s)	(s)	3	R 76	R 87
September	(s)	7	2	(s)	1	(s)	(s)	(s)	R 4	R 66	R 77
October	(s)	11	2	(s)	1	(s)	0	(s)	R 4	R 65	80
November	1	14	2	(s)	1	(s)	(s)	(s)	R 4	R 60	R 78
December	1	23	R 4	(s)	1	(s)	(s)	1	R 6	R 68	R 98
Total	6	169	R 30	(s)	R 9	R 4	(s)	R 6	R 49	R 785	R 1,009
2010 January	1	28	R 4	(s)	1	(s)	(s)	1	R 7	66	R 102
February	1	25	R 4	(s)	1	(s)	(s)	R 1	R 6	60	R 92
March	1	19	R 3	(s)	1	(s)	(s)	R 1	R 4	59	R 83
April	(s)	12	R 2	(s)	1	(s)	(s)	(s)	R 3	57	R 73
May	(s)	9	R 2	(s)	1	(s)	0	(s)	R 3	66	R 78
June	(s)	7	R 2	(s)	1	(s)	0	(s)	R 4	74	R 86
July	(s)	7	R 2	(s)	1	(s)	0	(s)	R 3	80	R 90
August	(s)	7	R 2	(s)	1	(s)	(s)	(s)	R 3	80	R 91
September	(s)	7	1	(s)	1	(s)	(s)	(s)	R 3	69	R 79
October	(s)	10	R 2	(s)	1	(s)	(s)	(s)	R 4	63	R 77
November	(s)	16	R 3	(s)	1	(s)	(s)	R 1	R 4	61	R 81
December	1	26	4	(s)	1	(s)	(s)	1	6	67	100
Total	6	174	32	(s)	9	4	(s)	7	51	803	1,033

^a Metric tons of carbon dioxide can be converted to metric tons of carbon equivalent by multiplying by 12/44.

^b Natural gas, excluding supplemental gaseous fuels.

^c Distillate fuel oil, excluding biodiesel.

^d Liquefied petroleum gases.

^e Finished motor gasoline, excluding fuel ethanol.

^f Emissions from energy consumption (for electricity and a small amount of useful thermal output) in the electric power sector are allocated to the end-use sectors in proportion to each sector's share of total electricity retail sales. See Tables 7.6 and 12.6.

^g Excludes emissions from biomass energy consumption. See Table 12.7.

R=Revised. NA=Not available. (s)=Less than 0.5 million metric tons.

Notes: • Data are estimates for carbon dioxide emissions from energy consumption. See "Section 12 Methodology and Sources" at end of section. • See "Carbon Dioxide" in Glossary. • See Note 1, "Emissions of Carbon Dioxide and Other Greenhouse Gases," at end of section. • Data exclude emissions from biomass energy consumption. See Table 12.7 and Note 2, "Accounting for Carbon Dioxide Emissions From Biomass Energy Combustion," at end of section. • Totals may not equal sum of components due to independent rounding. • Geographic coverage is the 50 States and the District of Columbia.

Web Page: See <http://www.eia.gov/mer/enviro.html> for all available data beginning in 1973.

Sources: See end of section.